

FIG. 1

10% methacrylic acid initially:



COPOLYMER WITH A VERY LOW GRADIENT, FOR WHICH NANOSTRUCTURIZATION CANNOT BE EXPECTED.

20% methacrylic acid initially:



COPOLYMER WITH A HYDROPHILIC "HEAD" AND HYDROPHOBIC "TAIL," WITH A GRADIENT THAT IS SUFFICIENTLY PRONOUNCED TO LEAD TO NANOSTRUCTURIZATION.

50% methacrylic acid initially:



SINCE THE MONOMERS ARE ISOREACTIVE IN THESE CONDITIONS, THE COPOLYMER OBTAINED IS OF THE ALTERNATING TYPE.

FIG. 2

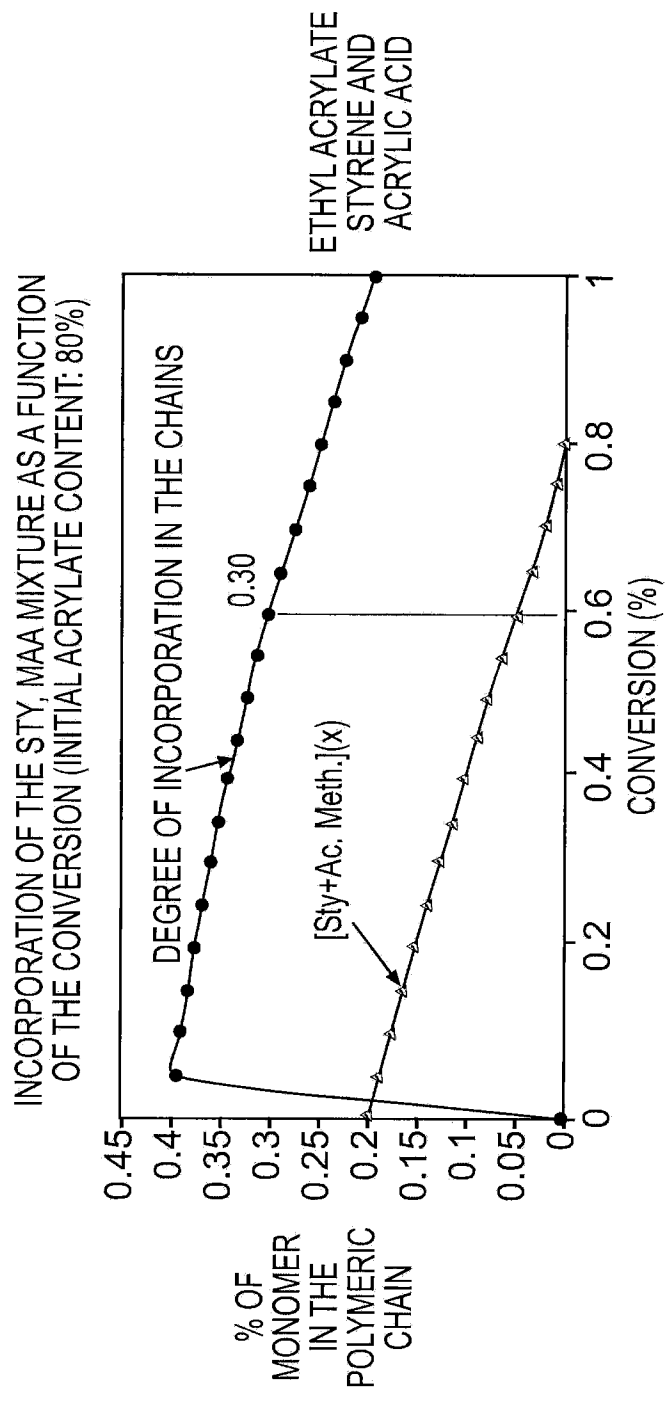


FIG. 3

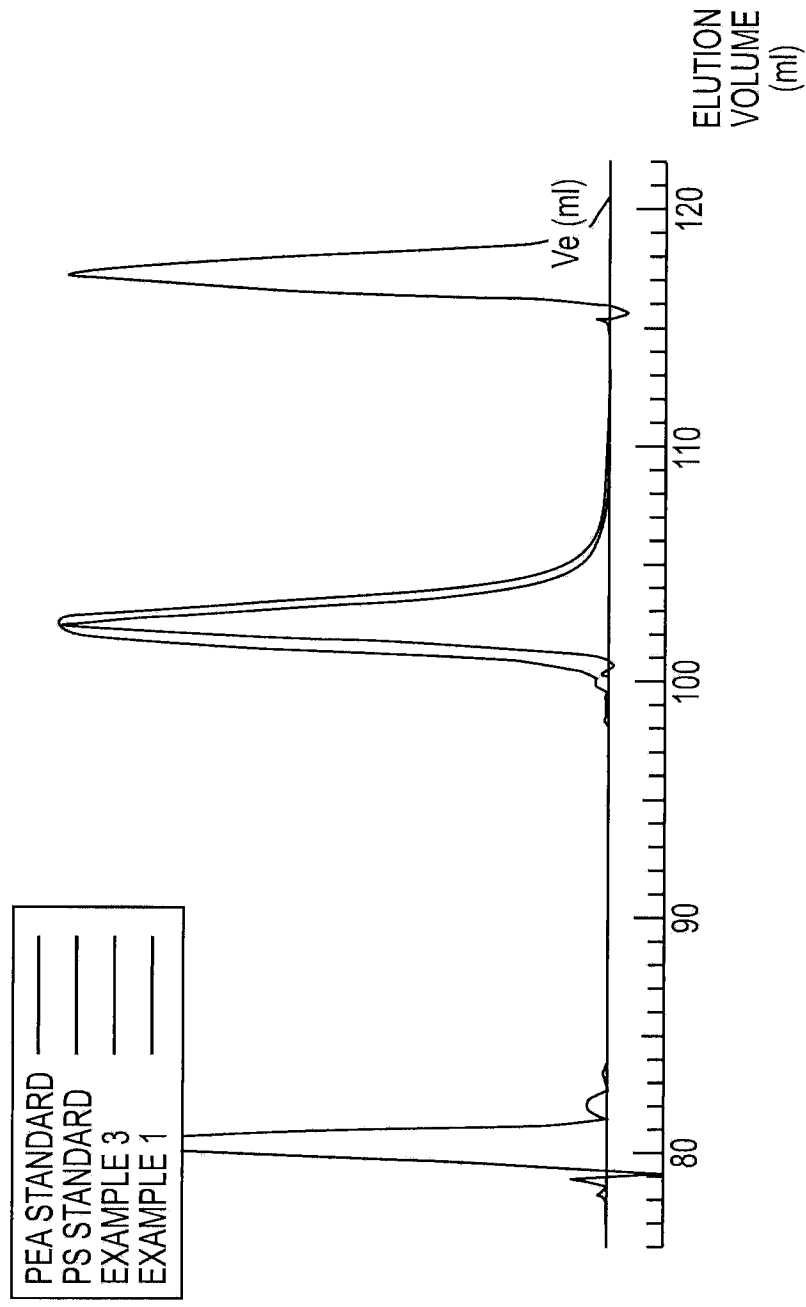


FIG. 4

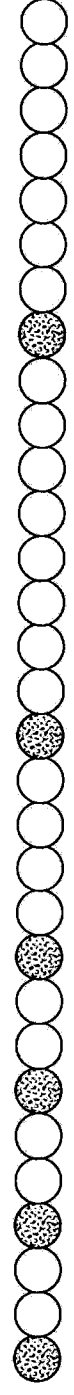


FIG. 5

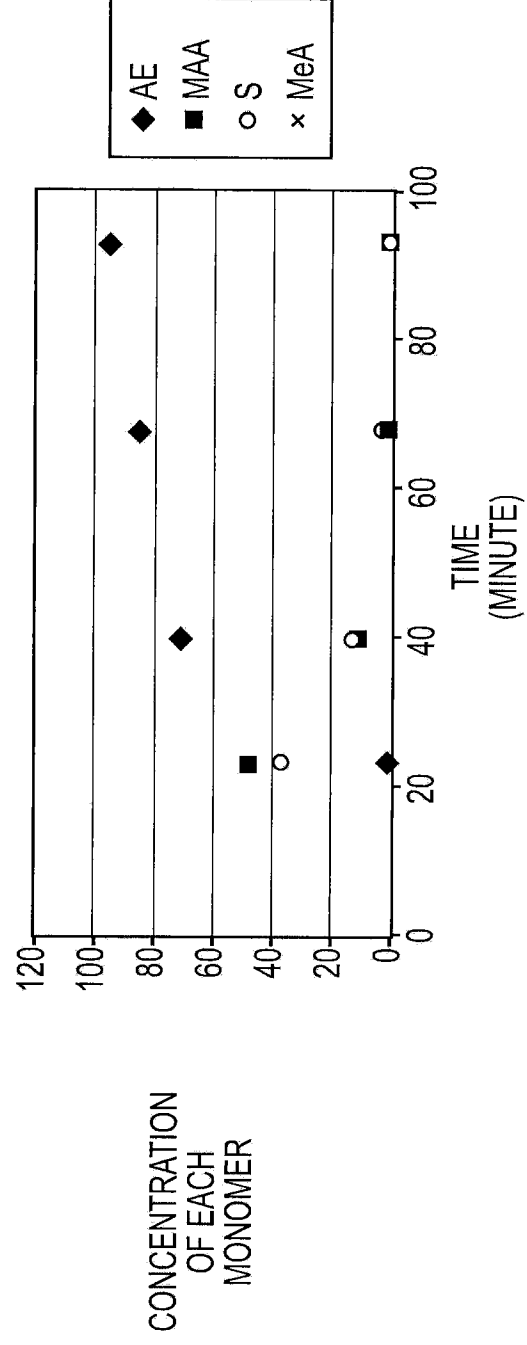


FIG. 6

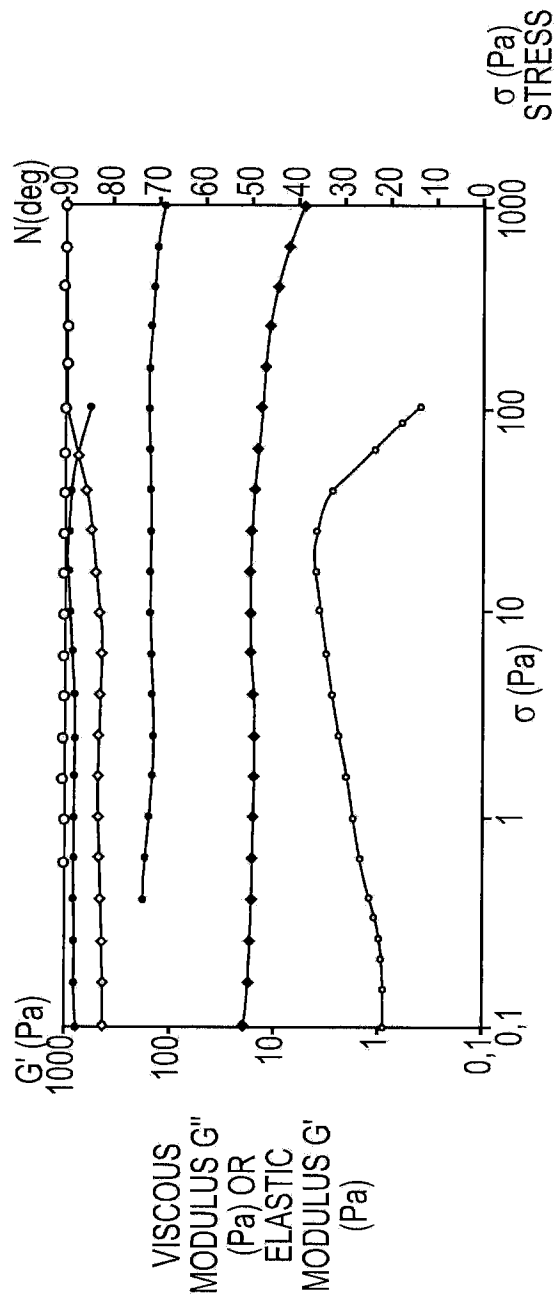


FIG. 7